Geocoding Code Sample

**Attn.:** Postmates

Contents

[Using the service 2](#_Toc524630018)

[Installing On Microsoft Windows 2](#_Toc524630019)

[Launching the service 2](#_Toc524630020)

[API 3](#_Toc524630021)

[`GET’ Method 3](#_Toc524630022)

**Germain Le Chapelain**

September 13th, 2018

# Using the service

## Installing On Microsoft Windows

Download and install Python from the following address:

<http://www.python.org/downloads>

Be sure to add the executable directory to your Windows path (see Figure 1: Adding Python installation folder to the PATH environment variable.)

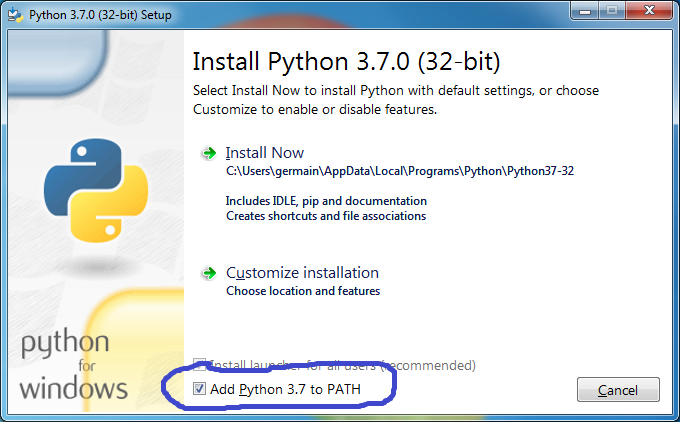


Figure 1: Adding Python installation folder to the PATH environment variable.

## Launching the service

Launch the service as such:

>python GeoCoding.py <HERE app-code> <HERE app-key> <Google API key> <port>

Where:

**HERE app-code** is the application code for the HERE GeoCoding cloud API provider.

**HERE app-key** is the application key for the HERE GeoCoding cloud API provider.

**Google API key** is the Google API key for the project.

**Port** is the network port to which the web service will be listening too.

Example:

C:\User\Germain>python GeoCoding.py mYgBrmeyi8QiX1xiUFue o4nld1Vc90JDkqc7-TQaYw AIzaSyDyLHmRx-R9WTsFkZpa0HGZJnDgwe-wMPQ 8000

Upon executing the server, the command prompt should appear frozen; until requests start coming in, scrolling log messages, as shown in Figure 2: The service running in a terminal window.

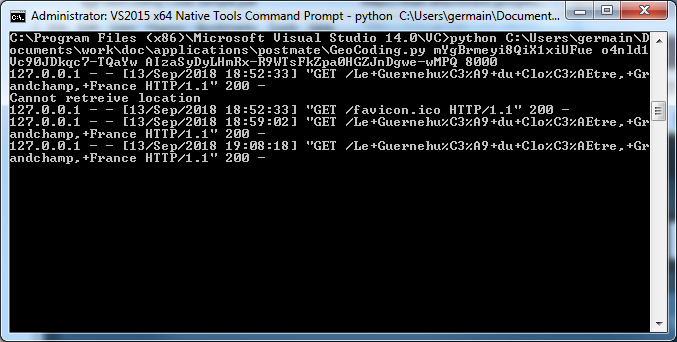


Figure 2: The service running in a terminal window.

# API

## `GET’ Method

Simply pass in the path the free form address (encoded as an URL).

The Server will return a Jason Object containing the following property:

* `Latitude’
* `Longitude’

So for instance, querying:

http://localhost:8000/Le+Guernehu%C3%A9+du+Clo%C3%AEtre,+Grandchamp,+France

Will return:

{"Latitude": 48.92655, "Longitude": 0.10786}

As shown in Figure 3: Results.

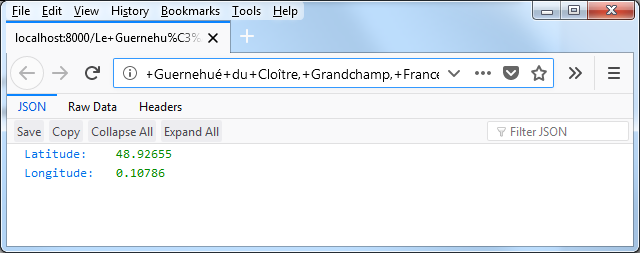


Figure 3: Results